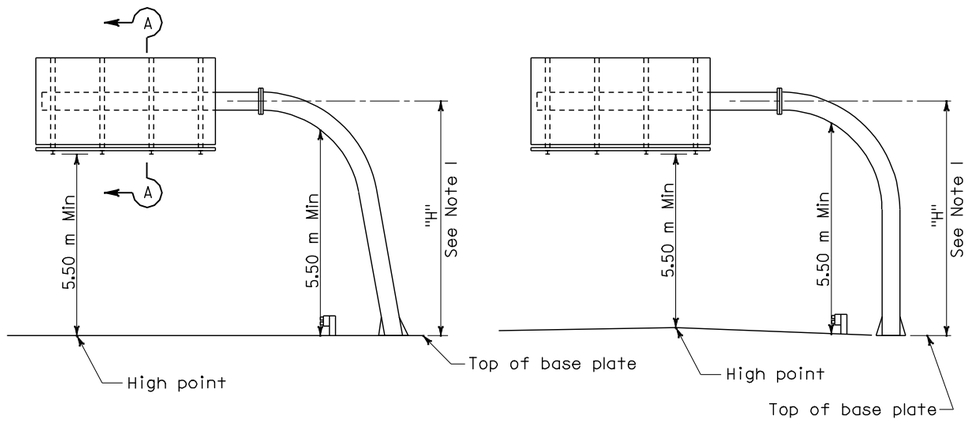
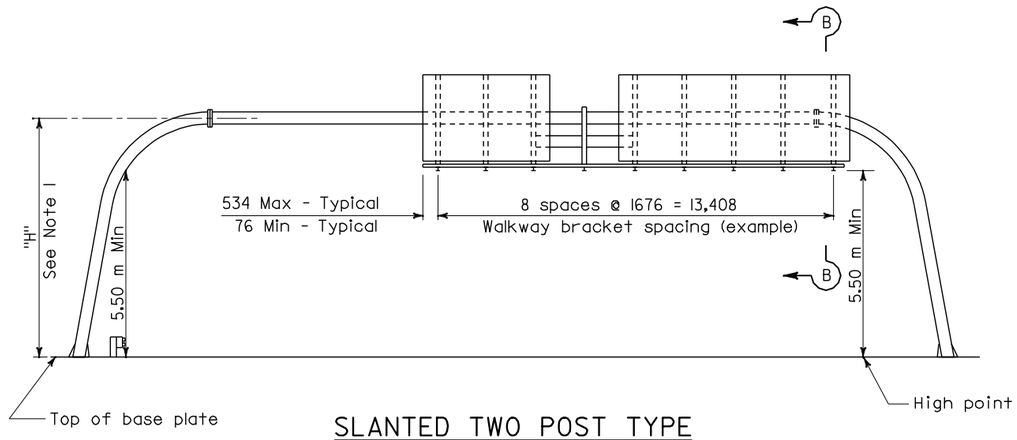
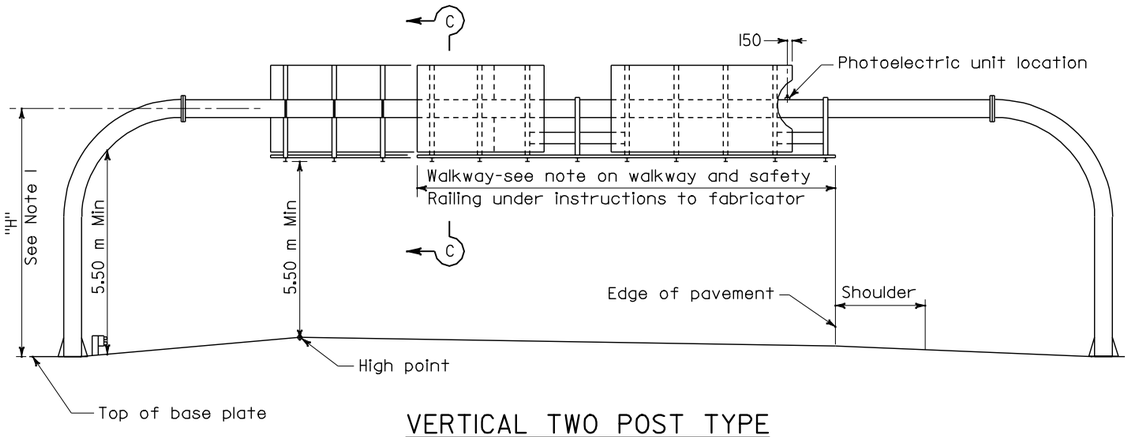


SLANTED SINGLE POST TYPE

VERTICAL SINGLE POST TYPE



SLANTED TWO POST TYPE



VERTICAL TWO POST TYPE

INSTRUCTIONS TO FABRICATOR

Format sheet shows:

1. Sign structure location.
2. Length of structure span.
3. Panel size and location on structure.
4. Post height to bottom of panel or mast arm elevation.
5. Base plate elevation.
6. Photoelectric unit location if required.
7. Walkway location.

WALKWAY BRACKETS:

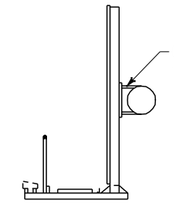
Maintain uniform spacing where possible.
Maximum spacing shall not exceed 1.68 m
Minimum clear to field splice = 305 mm ±

WALKWAY AND SAFETY RAILING:

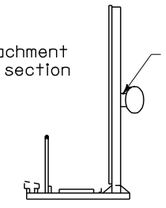
Walkway to extend full length of sign area and be continuous between signs. Extend walkway to edge of pavement if required. Safety railing to protect entire walkway.

PHOTOELECTRIC UNIT:

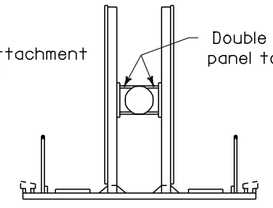
Place behind sign panel nearest right shoulder unless otherwise shown on format sheet.



SECTION A-A



SECTION B-B



SECTION C-C

NOTES

1. Maximum post height = 7.3 m + sign panel depth/2.
2. For walkway details, see Revised Standard Plan RSP S9.
3. For safety railing and cable details, see Revised Standard Plans RSP S10 and RSP S11.

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

December 30, 2004
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Tillat Sattar — No. C42892 — Exp. 3-31-06 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: http://www.dot.ca.gov

To accompany plans dated _____

GENERAL NOTES

DESIGN:

AASHTO Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated 2001.

CONSTRUCTION:

Standard Specifications and the Special Provisions.

LOADING:

WIND LOADING:

Normal to face of sign: 1930 Pa on 100% panel coverage.

Transverse to face of sign: 20% of normal force.

WALKWAY LOADING:

Dead load +229 kg concentrated live load.

UNIT STRESSES:

STRUCTURAL STEEL: fy = 250 MPa
REINFORCED CONCRETE: fy = 415 MPa
f'c = 25 MPa
FOOTING SOIL PRESSURE: 120 kPa (spread footing)

MINIMUM CLEARANCE

Vertical roadway clearance 5.50 m above roadway and shoulders

WELDING:

All welding continuous unless otherwise noted on the plans.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR INSTRUCTIONS AND EXAMPLES

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

NSP S30 DATED DECEMBER 30 2004 SUPERSEDES STANDARD PLAN S40N DATED JULY 1, 1999-PAGE 256 OF THE STANDARD PLANS BOOK DATED JULY 1999.

NEW STANDARD PLAN NSP S30

1999 NEW Std PLAN NSP S30

1-03-05